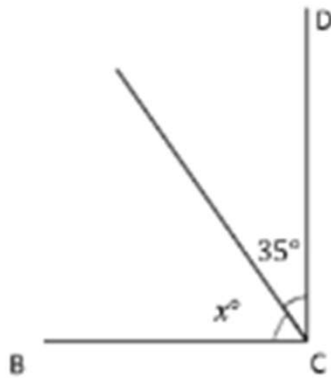


# Geometry Worksheets (Adjacent Angles)

Write an equation, and solve for the measure of  $\angle x$ .

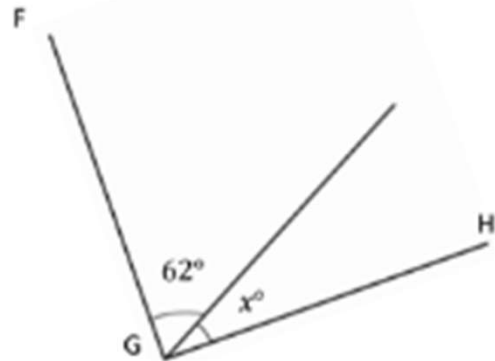
1.  $\angle DCB$  is a right angle.



$$\underline{\hspace{2cm}} + 35^\circ = 90^\circ$$

$$x^\circ = \underline{\hspace{2cm}}$$

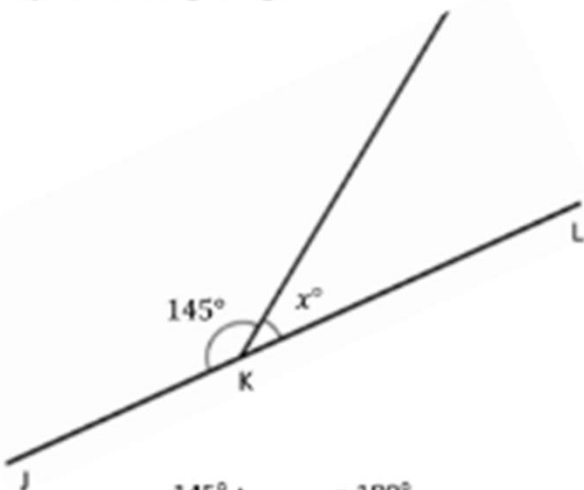
2.  $\angle HGF$  is a right angle.



$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$x^\circ = \underline{\hspace{2cm}}$$

3.  $\angle JKL$  is a straight angle.



$$145^\circ + \underline{\hspace{2cm}} = 180^\circ$$

$$x^\circ = \underline{\hspace{2cm}}$$

4.  $\angle PQR$  is a straight angle.



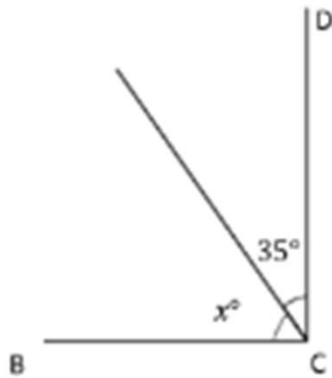
$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$$x^\circ = \underline{\hspace{2cm}}$$

## Geometry Worksheets (Adjacent Angles)

Write an equation, and solve for the measure of  $\angle x$ .

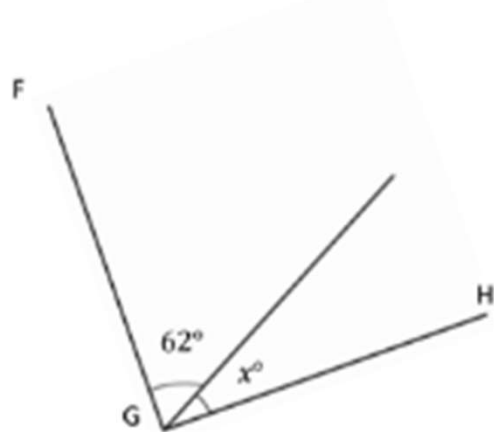
1.  $\angle DCB$  is a right angle.



$$\underline{55^\circ} + 35^\circ = 90^\circ$$

$$x^\circ = \underline{55^\circ}$$

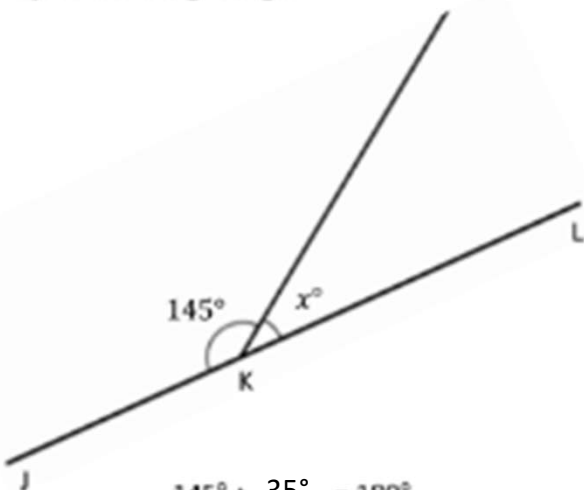
2.  $\angle HGF$  is a right angle.



$$\underline{28^\circ} + \underline{62^\circ} = \underline{90^\circ}$$

$$x^\circ = \underline{28^\circ}$$

3.  $\angle JKL$  is a straight angle.



$$145^\circ + \underline{35^\circ} = 180^\circ$$

$$x^\circ = \underline{35^\circ}$$

4.  $\angle PQR$  is a straight angle.



$$\underline{164^\circ} + \underline{16^\circ} = \underline{180^\circ}$$

$$x^\circ = \underline{164^\circ}$$

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